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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Kovacs *et al.*

Application No. 09/762,724

Filed: February 9, 2001

For: IDENTIFICATION OF A REGION OF THE  
MAJOR SURFACE GLYCOPROTEIN (MSG)  
GENE OF HUMAN PNEUMOCYSTIS CARINII

Examiner: Jeanine Anne Goldberg

Date: August 26, 2002

BOX NON-FEE AMENDMENT  
COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Art Unit: 1655

CERTIFICATE OF MAILING

I hereby certify that this paper and the documents referred to as being attached or enclosed herewith are being deposited with the United States Postal Service on August 26, 2002 as First Class Mail in an envelope addressed to: BOX NON-FEE AMENDMENT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

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AMENDMENT AND RESPONSE

This paper is filed in response to the Office Action Summary, dated May 24, 2002. A three-month period for reply was set, making a response due on or before August 24, 2002; because this date falls on a Saturday, a response filed as late as August 26, 2002 is considered timely.

Please enter the following amendments in this application:

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**In the Specification:**

*Please replace the paragraph at page 2, line 37 through page 3, line 13 with the following:*

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This invention encompasses the purified novel human-*P. carinii* proteins represented by SEQ ID NO: 2, SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, and SEQ ID NO: 14, and isolated nucleic acid molecules that encode these proteins. Specific nucleic acid molecules encompassed in this invention include those represented in SEQ ID NO: 1; SEQ ID NO: 2; SEQ ID NO: 3; SEQ ID NO: 4, SEQ ID NO: 5; SEQ ID NO: 6, SEQ ID NO: 7; SEQ ID NO: 15; and SEQ ID NO: 17. Also encompassed within this invention are the isolated nucleic acid sequences that encode the carboxy-terminal conserved about 100 amino